BlueChart g2 Vision

Preprogrammed BlueChart g2 Vision SD cards allow you to get the most out of your Garmin marine GPS unit. In addition to detailed marine charting, BlueChart g2 Vision features:

- **Mariner's Eye 3D**—a bird's eye view from above and behind the boat, for a more visual navigation aid.
- **Fish Eye 3D**—an underwater view that visually represents the sea floor according to the chart's information.
- **Fishing Chart—**view the chart without navigational data, leaving only the bottom contours and depth soundings.
- **High Resolution Satellite Imagery**—high resolution satellite images are provided for a realistic view of the land and water on the Navigation Chart.
- **Aerial Photos**—you can view marinas and other navigationally significant aerial photos to help you visualize your surroundings.
- **Detailed Roads and POI data**—you can search for and view roads, restaurants, attractions, and other points of interest (POIs) along the shore.
- **Tide and Current Data**—you can access tide and current station information.
- **Auto Guidance**—you can use the Auto Guidance technology suggest the best passage based on the chart data.

This guide provides an overview of some of these features. For more detailed information, see the owner's manual for your Garmin marine GPS unit. Not all of these features are available on every card.

Using the SD card

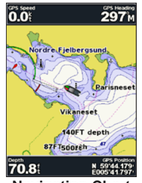
You can insert or remove a BlueChart g2 Vision SD card while your Garmin GPS unit is on or off. Insert the SD card, label up, into the open SD card slot on your Garmin GPS unit and press in until it clicks. Press in again to eject the SD card.

BlueChart g2 Vision SD cards are not waterproof. When you are not using the card, keep it in the original packaging for safekeeping and store it away from exposure to sun and rain. BlueChart g2 Vision SD cards are susceptible to damage from static electricity. In low humidity environments, you should ground yourself on a large metal object before handling the card.

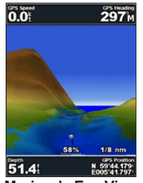
NOTE: BlueChart g2 Vision data cannot be transferred from the SD card to your PC for backup or viewing purposes. The SD card can only be used on BlueChart g2 Vision compatible Garmin GPS units.

Mariner's Eye 3D

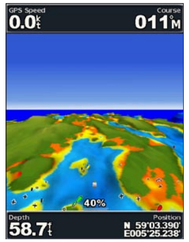
Mariner's Eye 3D provides a bird's eye view from above and behind the boat (according to your course), and provides a visual navigation aid. This view is helpful when navigating tricky shoals, reefs, bridges, or channels. **Mariner's Eye 3D** is beneficial when trying to identify entry and exit routes in unfamiliar harbors or anchorages.



Navigation Chart



Mariner's Eye View



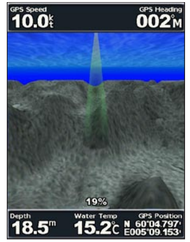
Mariner's Eye 3D
(Water Hazard Colors)

Colors—you can choose between **Normal** (Default), **Water Hazard**, and **All Hazard**. The **Normal** setting highlights the land as you would see it from the water, and the **Hazard** settings indicate shallow water (and land) with a color scale. Blue indicates deep water, yellow is shallow water, red is very shallow, and green indicates land. (The **All Hazard** setting indicates land as well as very shallow water in red.)

Fish Eye 3D

Fish Eye 3D provides an underwater view of the sea floor or lake bottom based on the chart data. You can customize the view as you prefer:

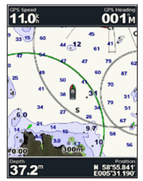
Sonar Cone—shows the area covered by your transducer.
Sonar Data—you can show the sonar readings received by your transducer for the best combination of sonar and mapping.
Tracks—keep a log of where you've been and view it on the map.
Numbers—numeric cruising and navigation information.



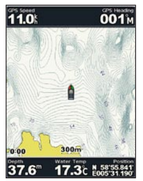
Fish Eye 3D

The Fishing Chart

The **Fishing Chart** features detailed bathymetric data to emphasise bottom contours and depth soundings. The **Fishing Chart also** removes navigation information from the map to reduce clutter and help give clearer definition to the sea floor.



Navigation Chart



Fishing Chart

High Resolution Satellite Imagery

You can overlay high-resolution satellite images on the land, sea, or both portions of the **Navigation Chart**.

Satellite imagery options:

When you enable the photo overlay on your unit, you can customize how the satellite imagery appears on the map:

- **Off**—standard chart information is shown.
- **Land Only**—standard chart information is shown on water with photos overlaying the land.
- **On**—photos overlay both the water and the land at a specified opacity. The higher you set the percentage, the more the satellite photos will cover both land and water.

Photo Overlay Off

Land Only Photo Overlay

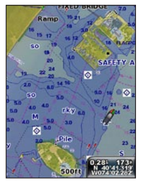


Photo Overlay 50%

Photo Overlay 100%

Aerial Photos

BlueChart g2 Vision SD cards contain aerial photographs of many landmarks, bridges, marinas, and harbors.

Viewing Aerial Photos:

- Aerial photos are indicated by a camera icon on the **Navigation Chart**.
- A perspective cone attached to the camera icon shows the angle at which the aerial photo was taken.
- A camera icon without a perspective cone indicates an overhead photo.

- You have the option to view a photo on the full screen, where you can zoom in or out.

Marine Services and Points of Interest (POI)

In many areas, BlueChart g2 Vision maps feature Marine Services and other land-based points of interest. You can locate these POIs from the **Where To?** menu on your Garmin GPS unit, or you can access them from the **Navigation Chart** by selecting the icon.

Marinas and Marine Services

- Many Marinas and Marine Services include contact information such as phone number and VHF channel as well as services offered.
- Many other POI locations include address and phone information.
- All available information is listed on the information page for the selected Marina, Marine Service, or other POI.